

Fig.1

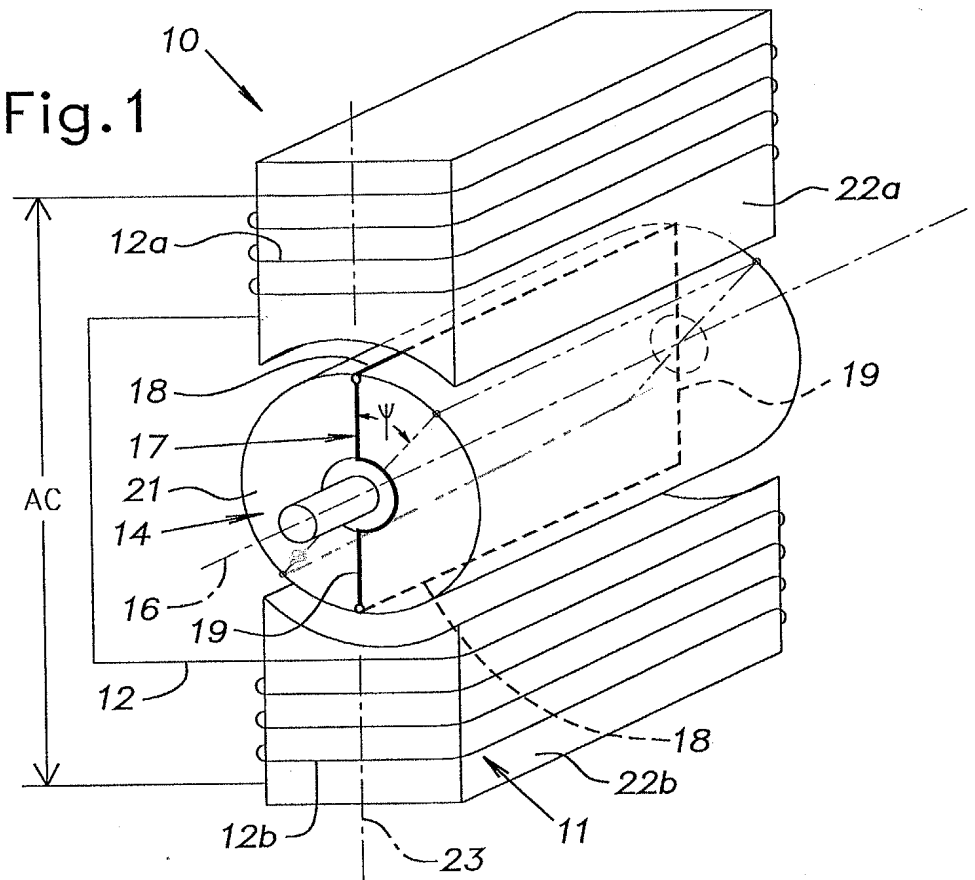
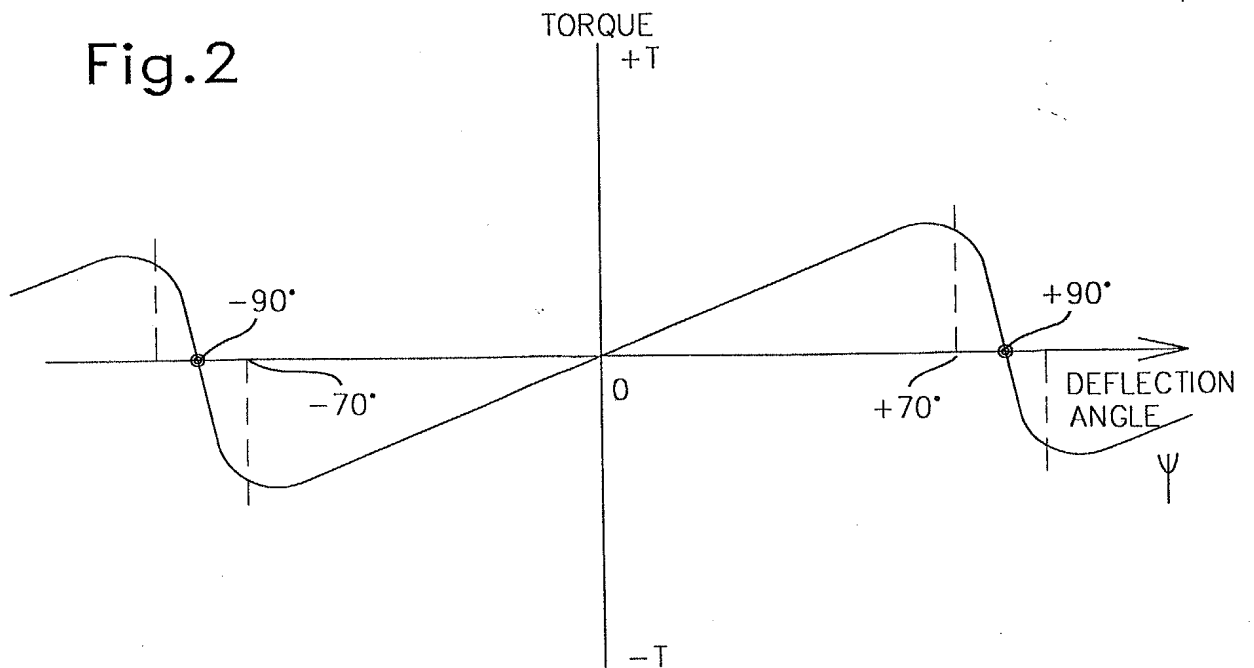
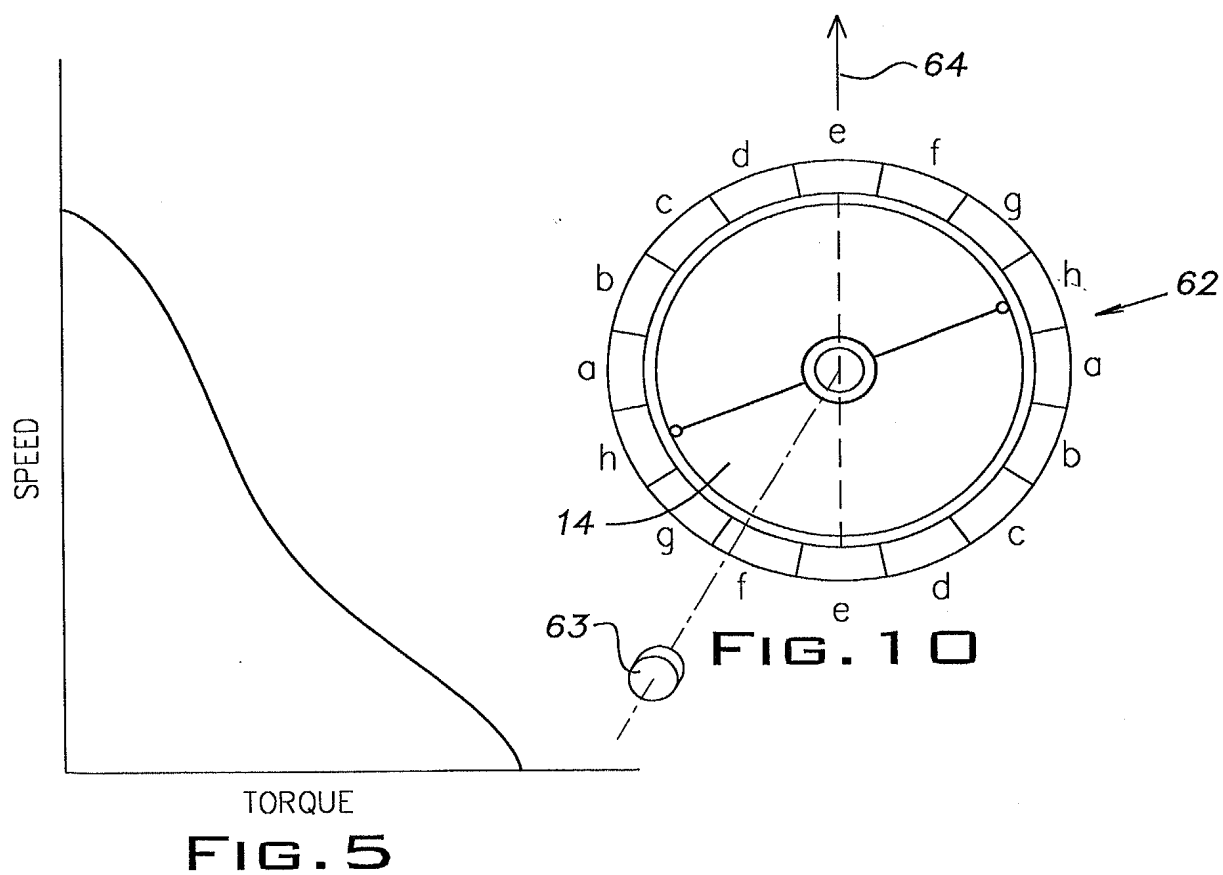
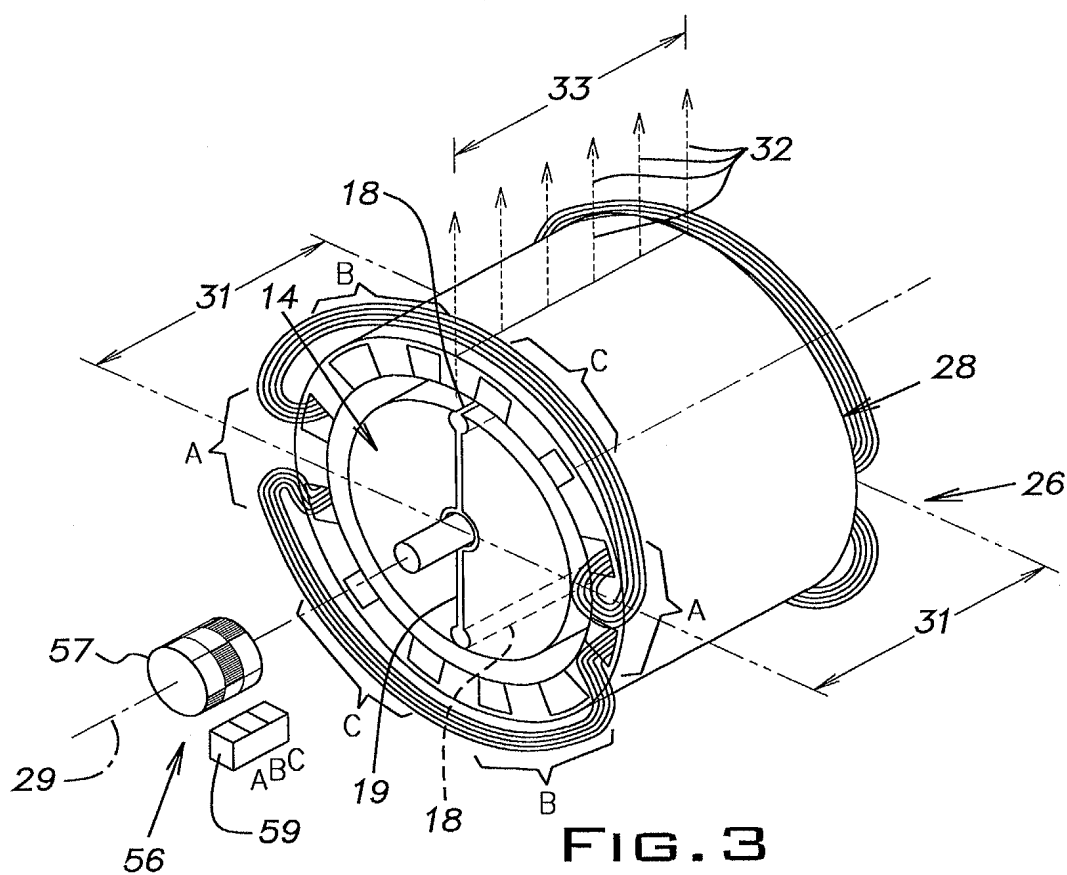
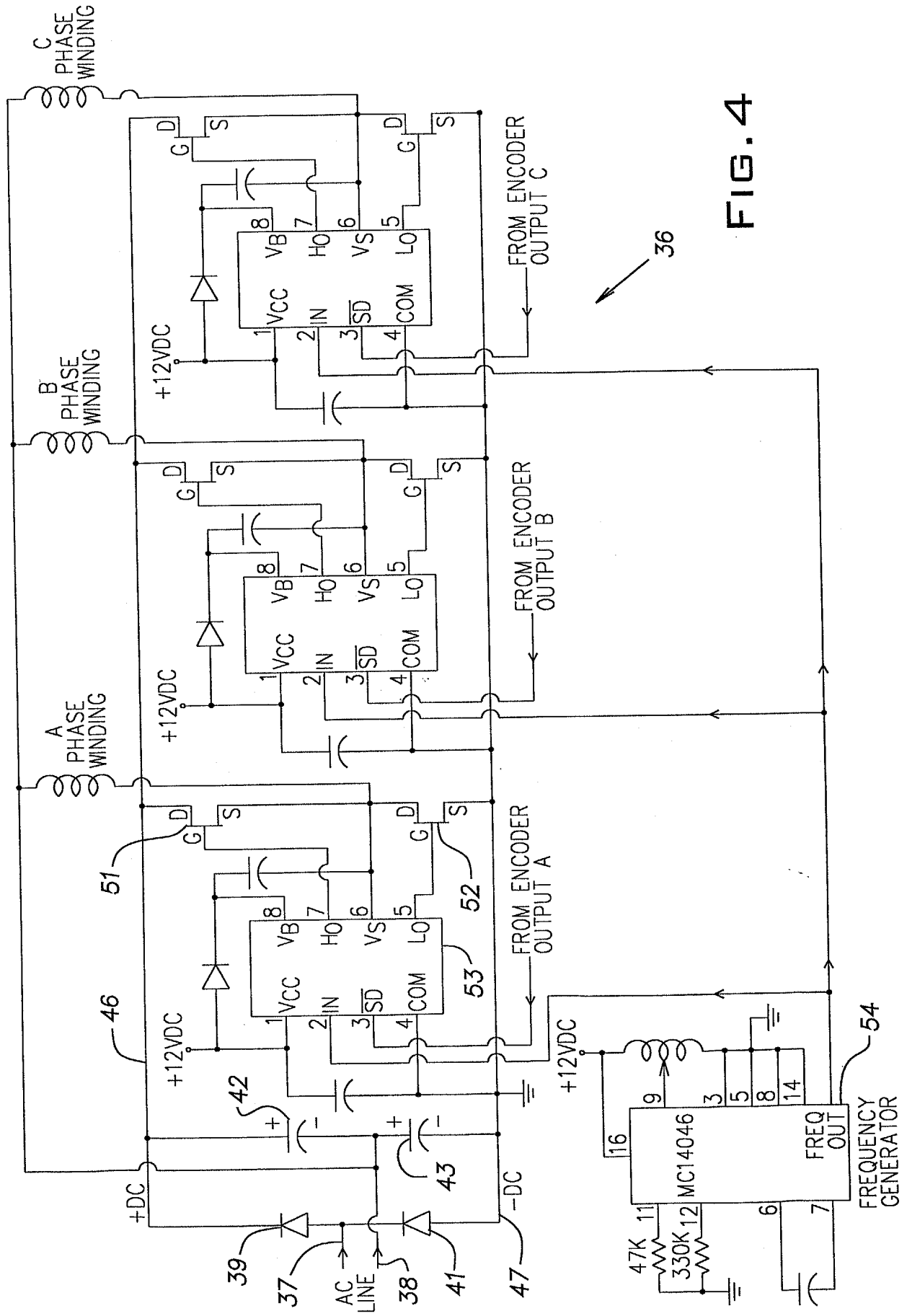


Fig.2







INVERTER SQUARE WAVE

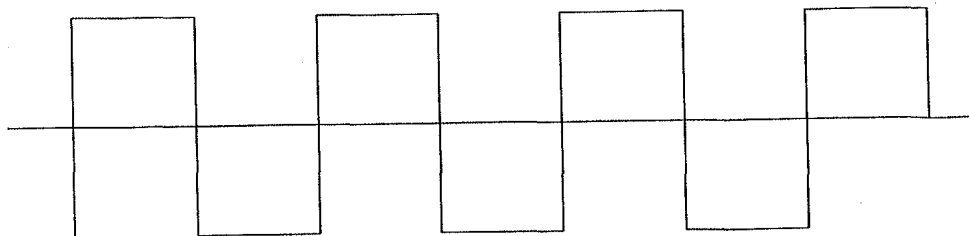


FIG. 6A

CYCLE WIDTH CONTROL OF POWER

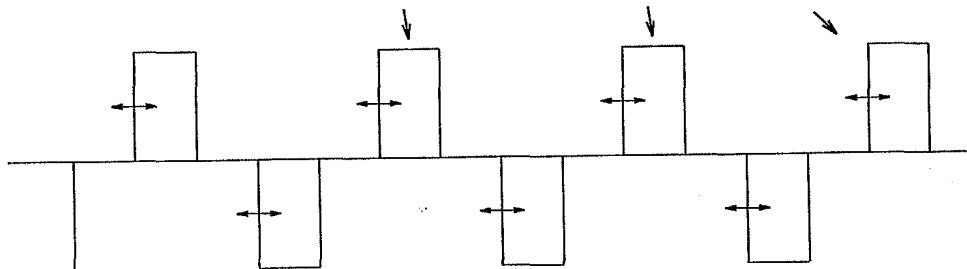
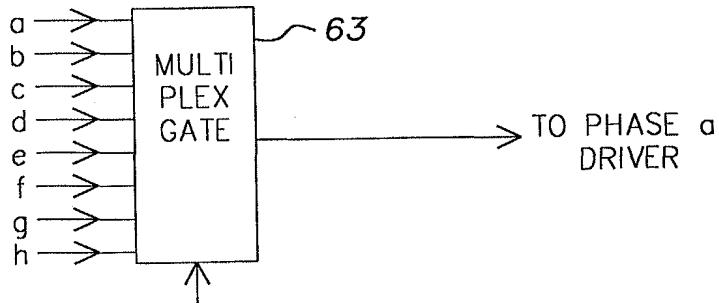


FIG. 6B

SHAFT SENSOR  
SIGNALS



SHAFT SENSOR  
SIGNALS

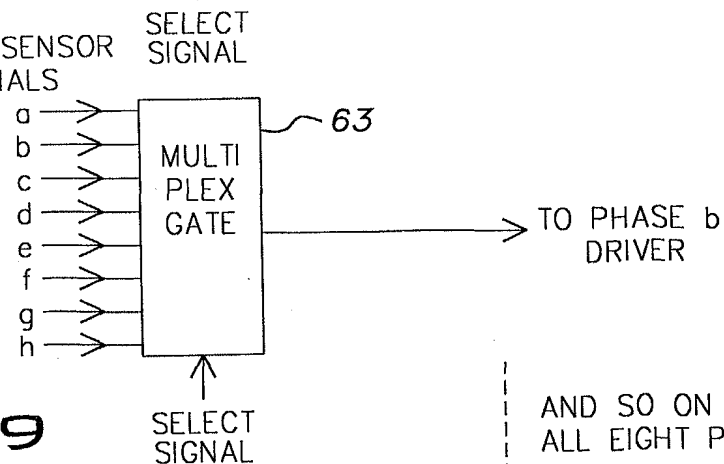
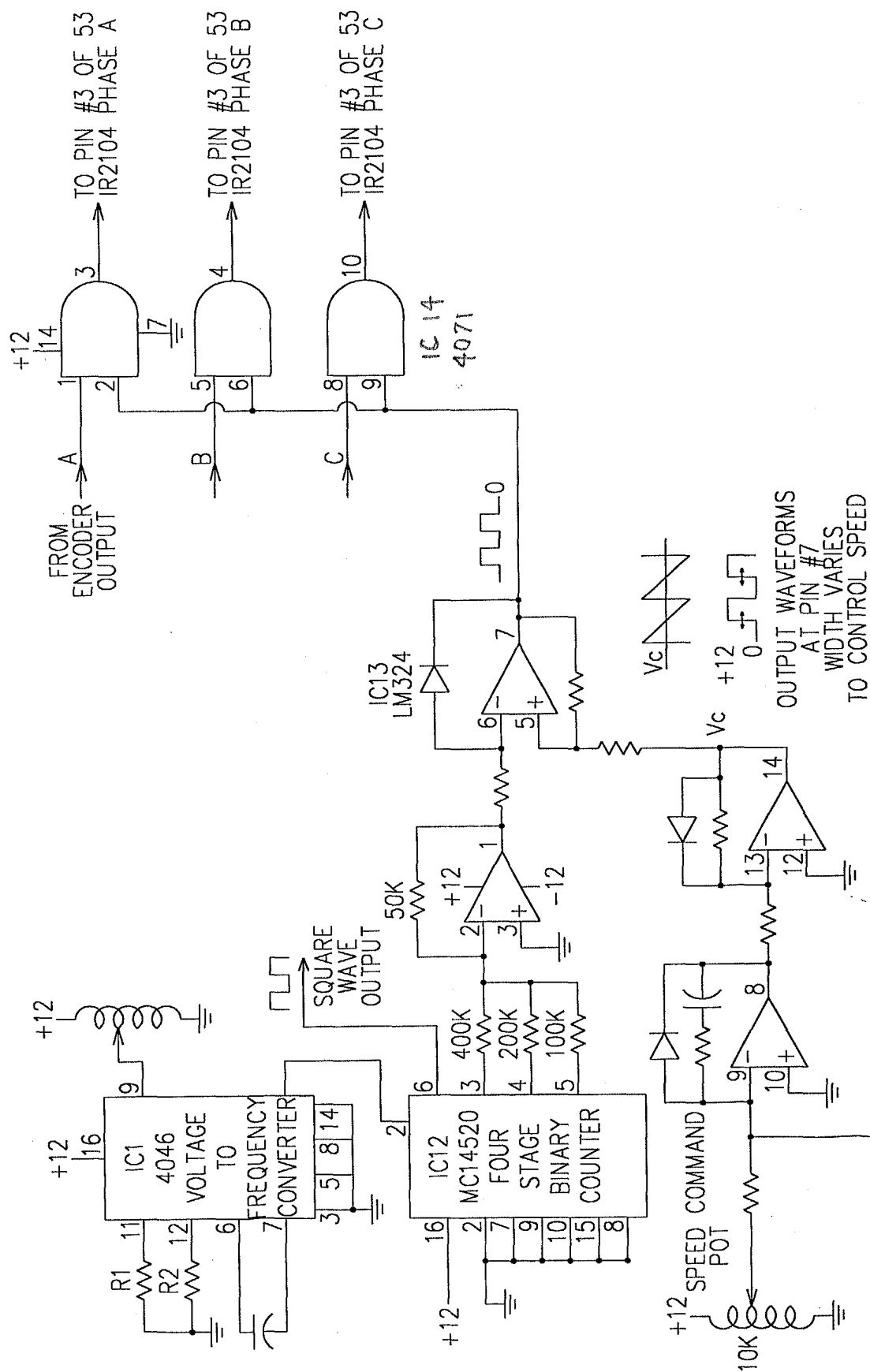


FIG. 9

AND SO ON FOR  
ALL EIGHT PHASES



# SPEED CONTROL METHOD BY VARYING THE CYCLE WIDTH OF THE POWER FREQUENCY

7. 10

SAWTOOTH WAVEFORM AT PIN#1 IC13

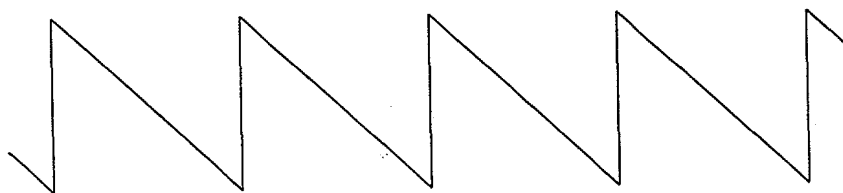


FIG.8A

SQUARE WAVE OUTPUT PIN#6 IC12

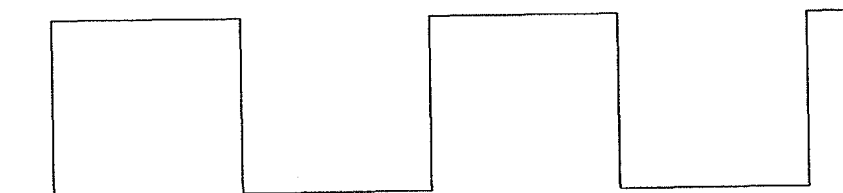


FIG.8B

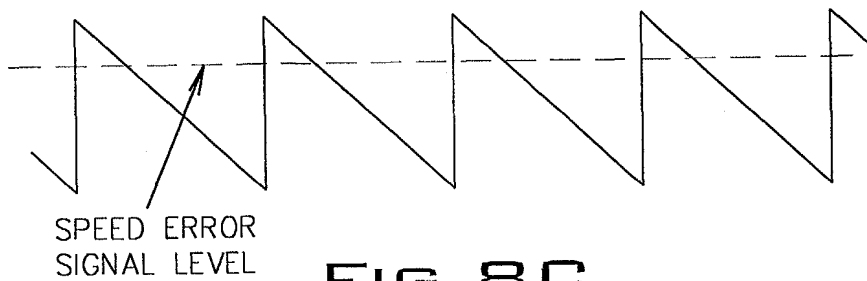


FIG.8C

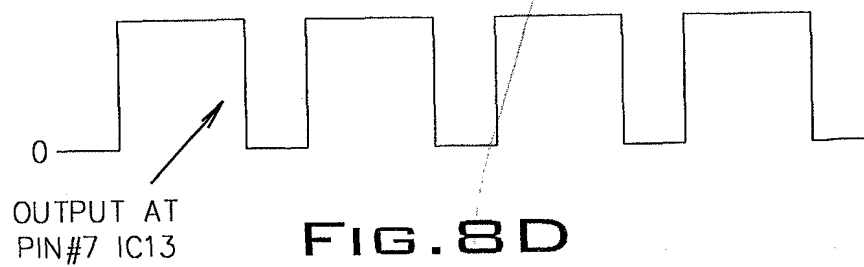
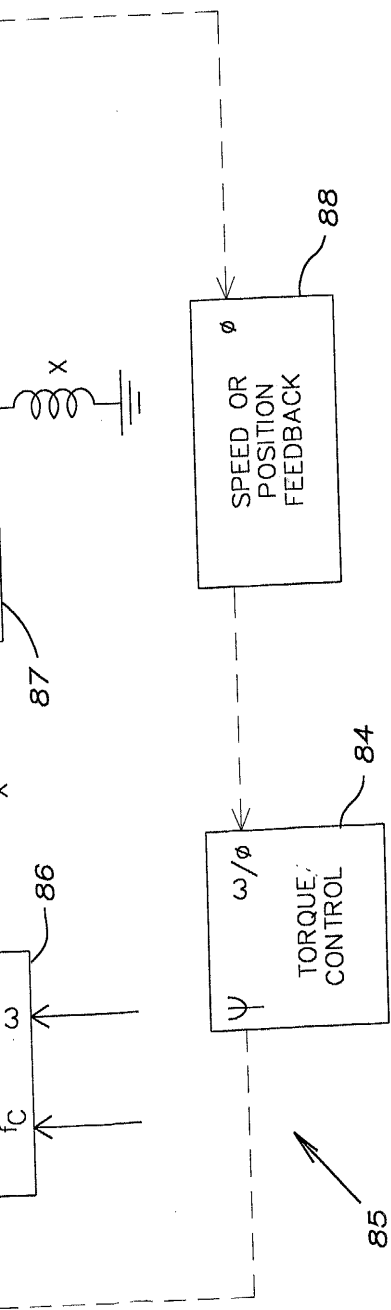


FIG.8D

3



009060-92559960

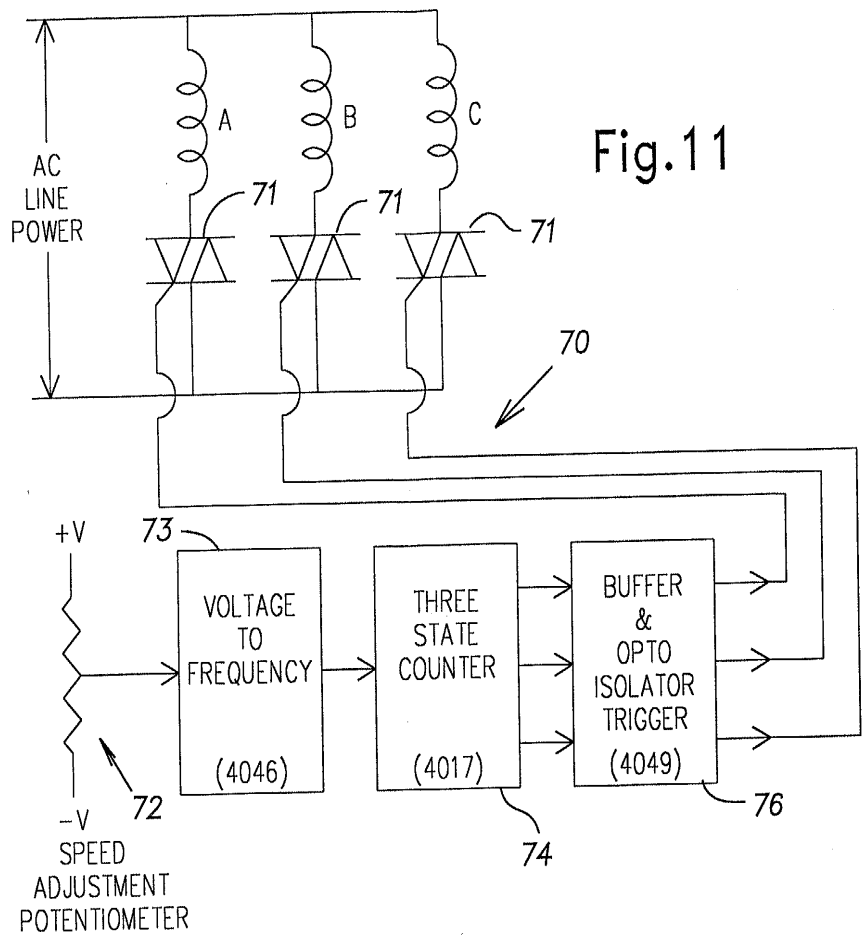


Fig.11

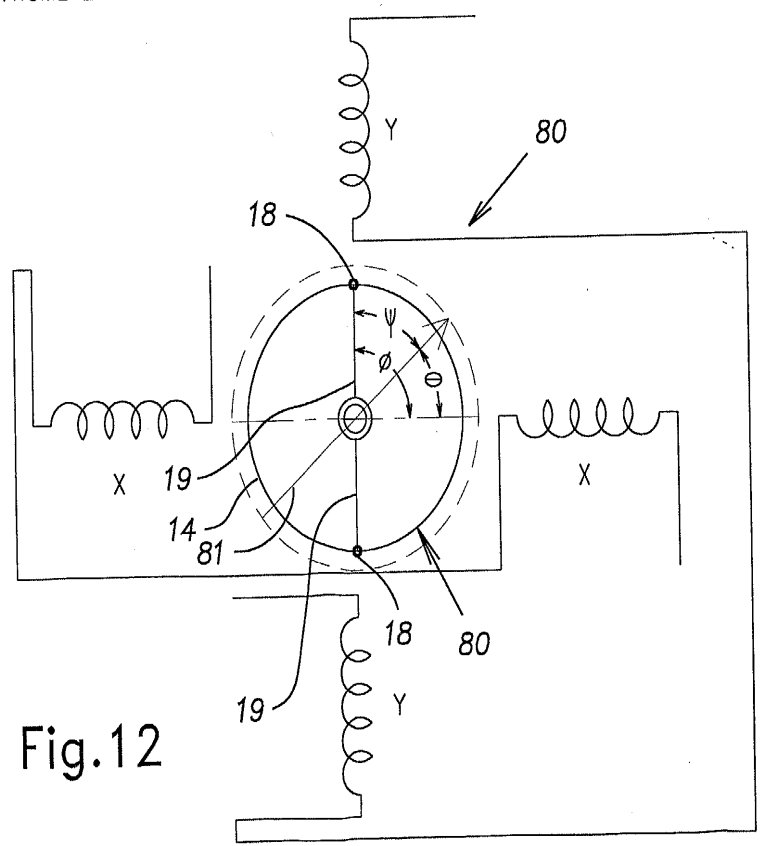


Fig.12

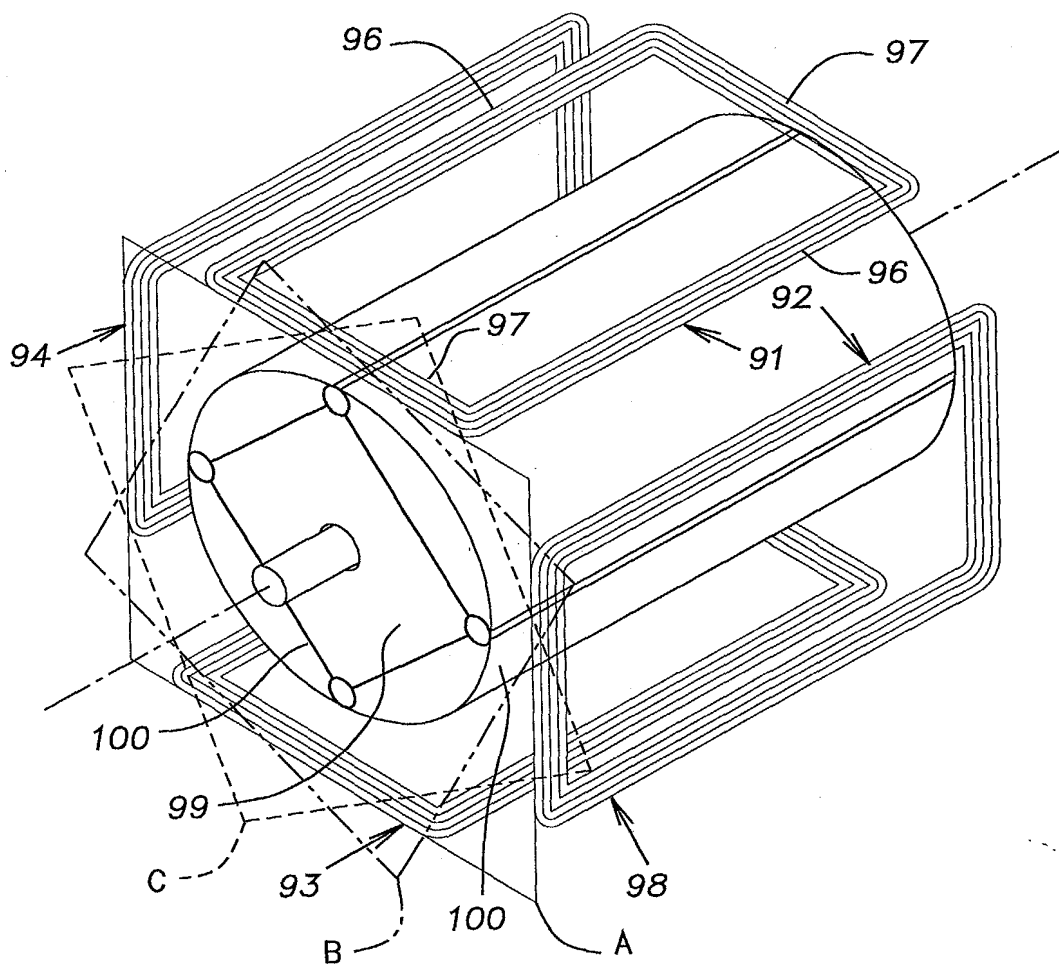


FIG. 14



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2	REM	6
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